

Figure 1

beta-IFN kinetic in PEG/PBS+mannitol
(62°C-10 min)

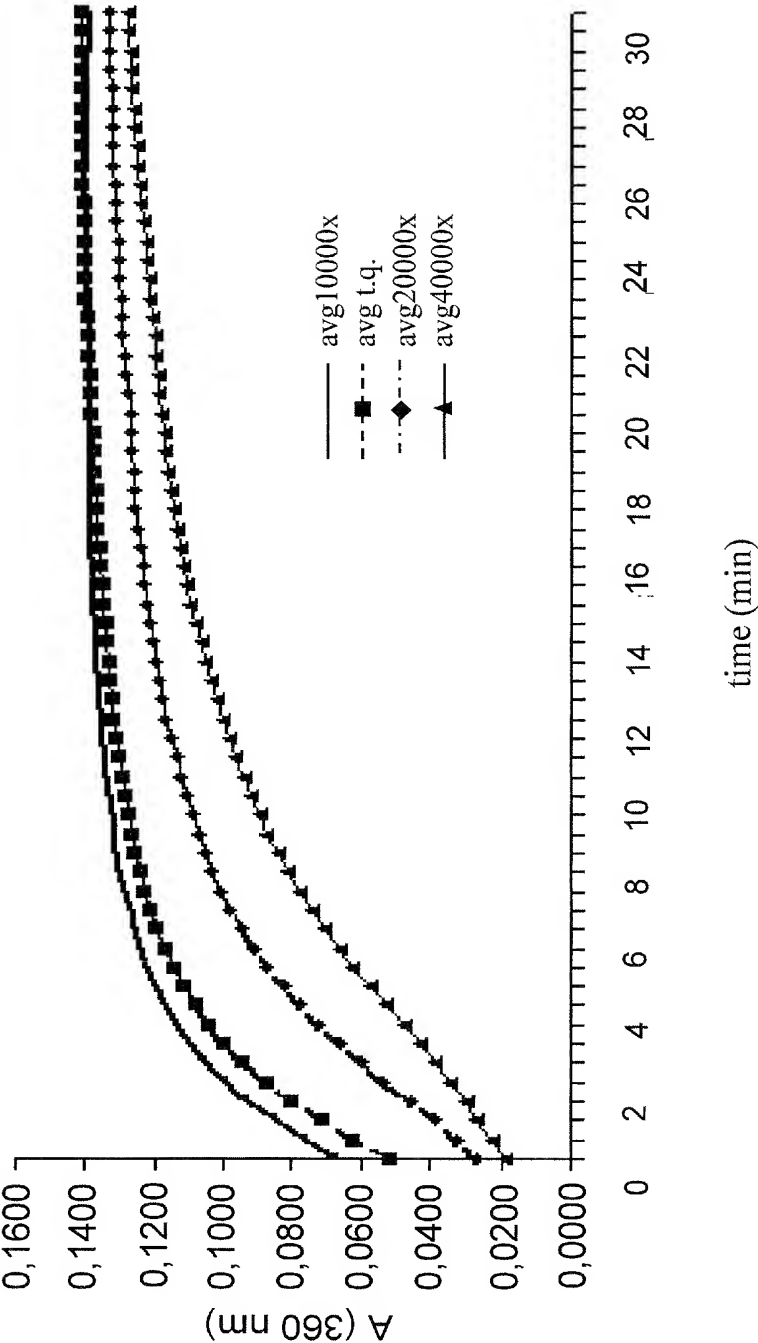


Figure 2

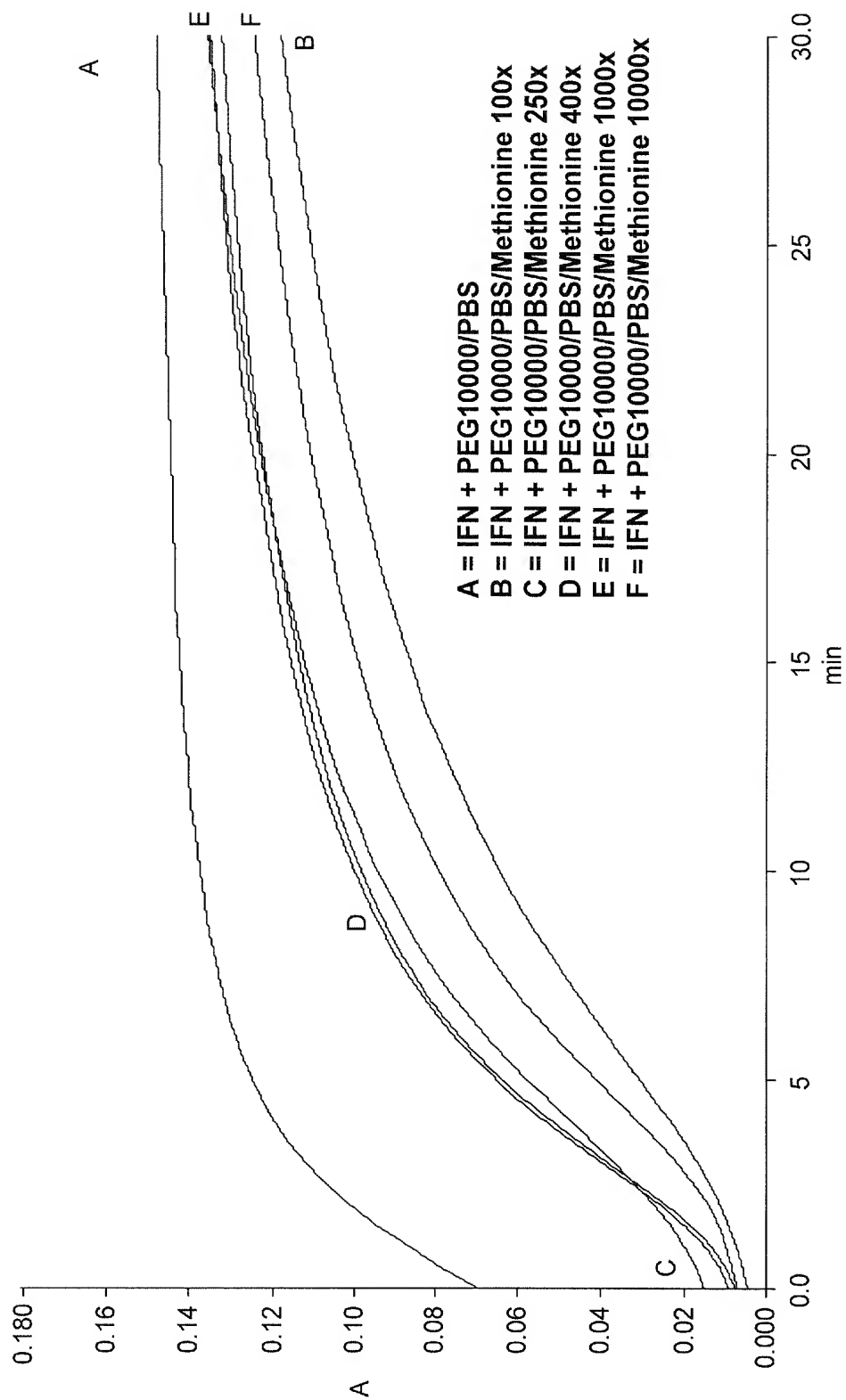


Figure 3

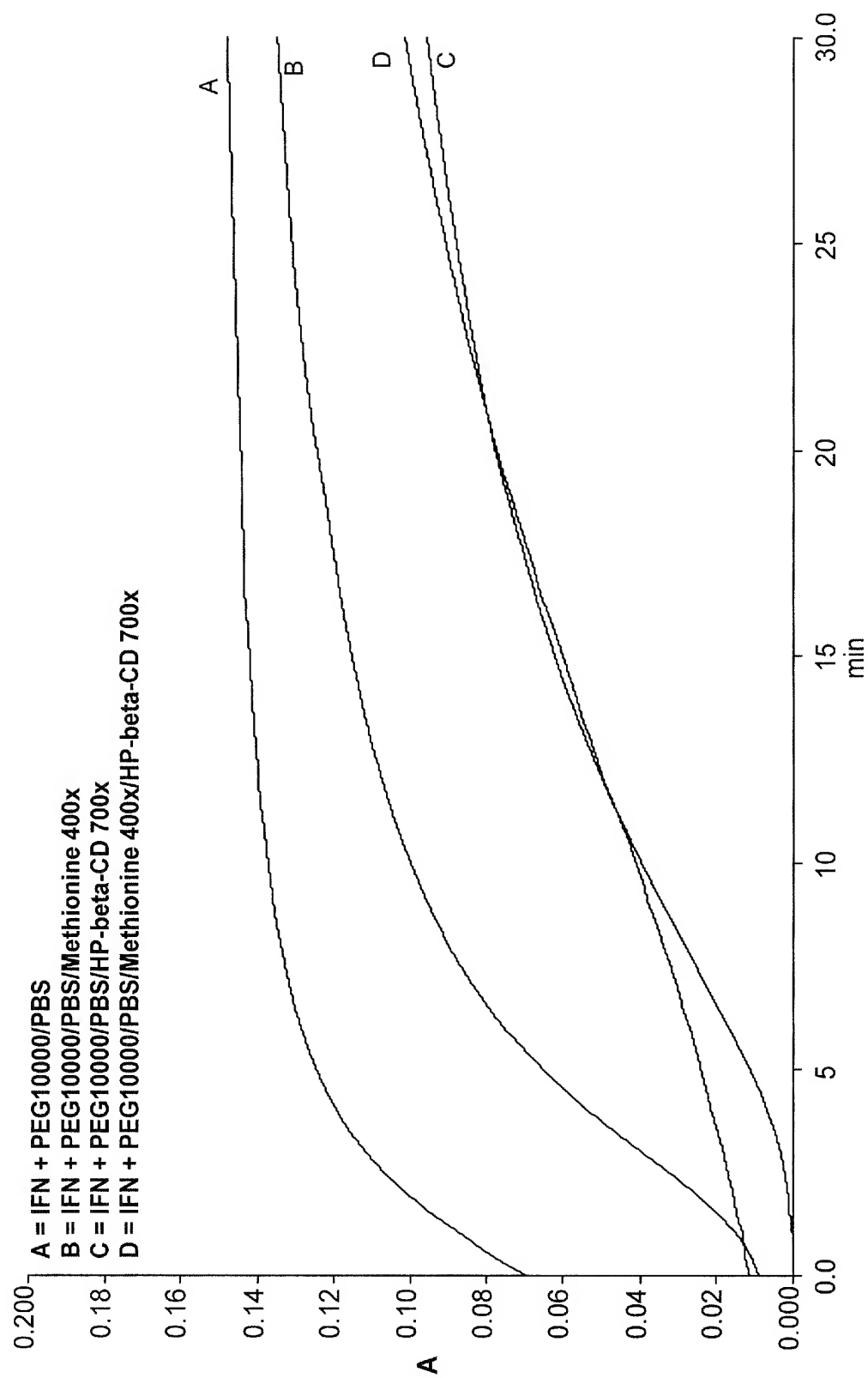


Figure 4

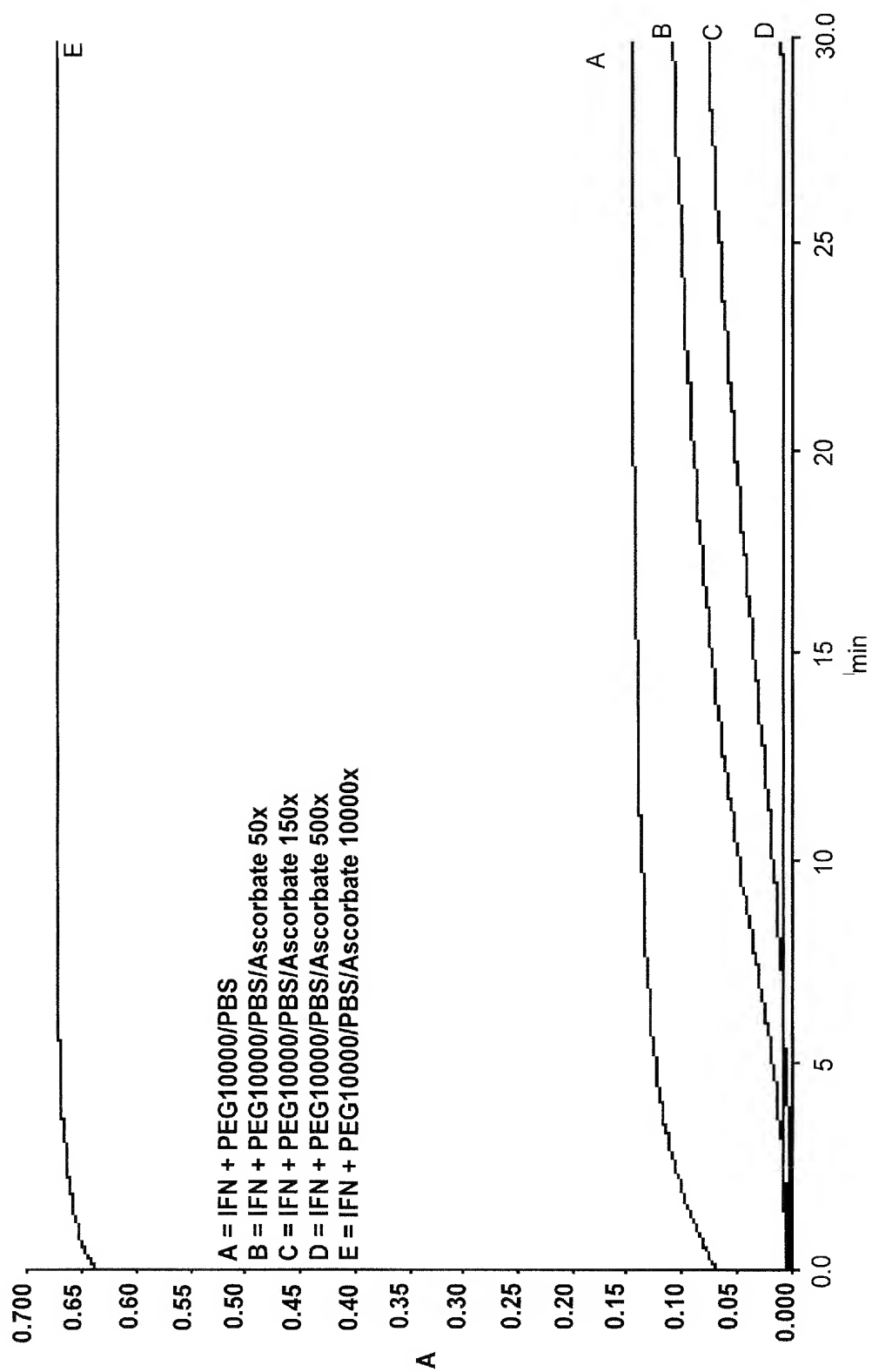
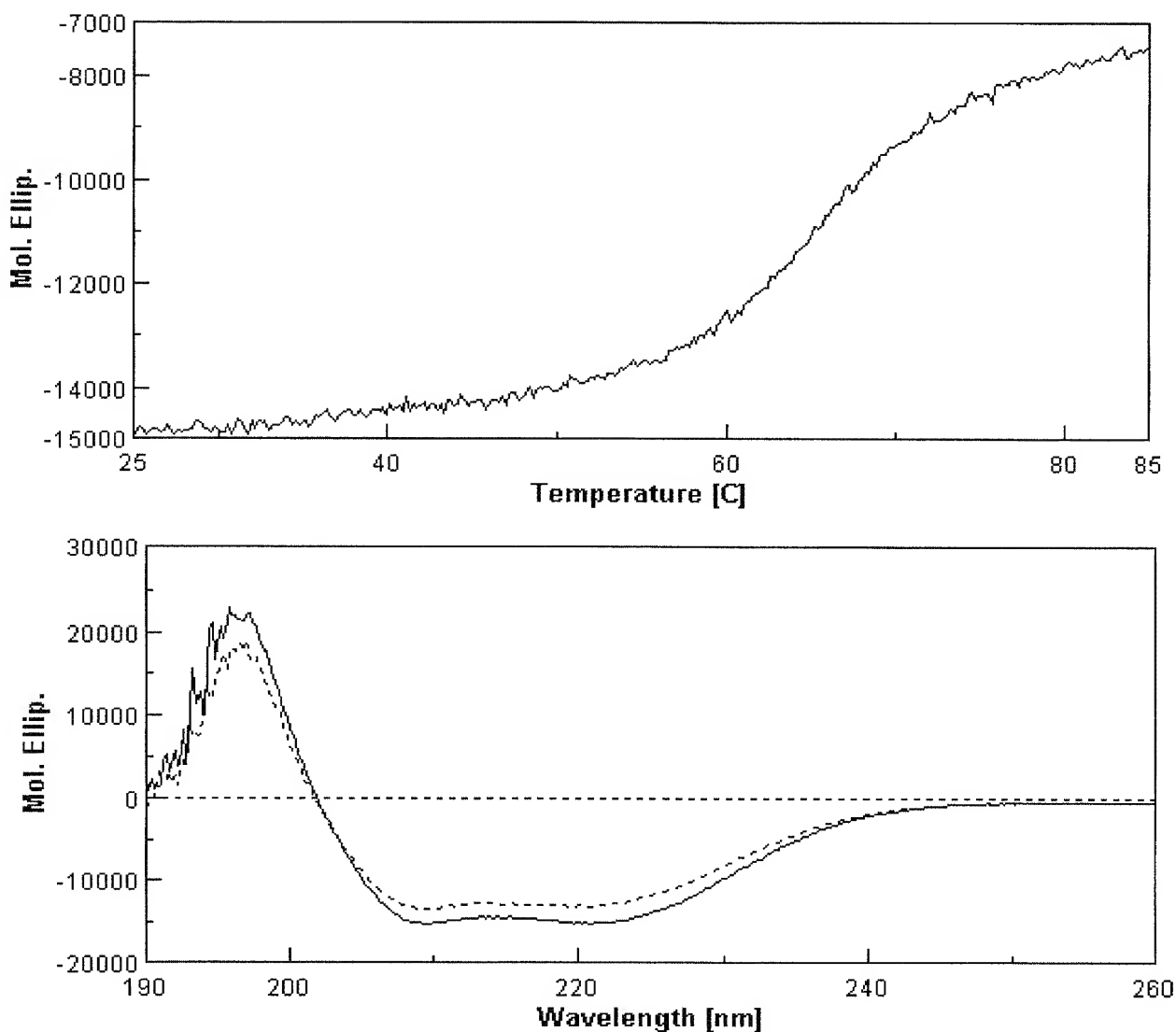


Figure 5



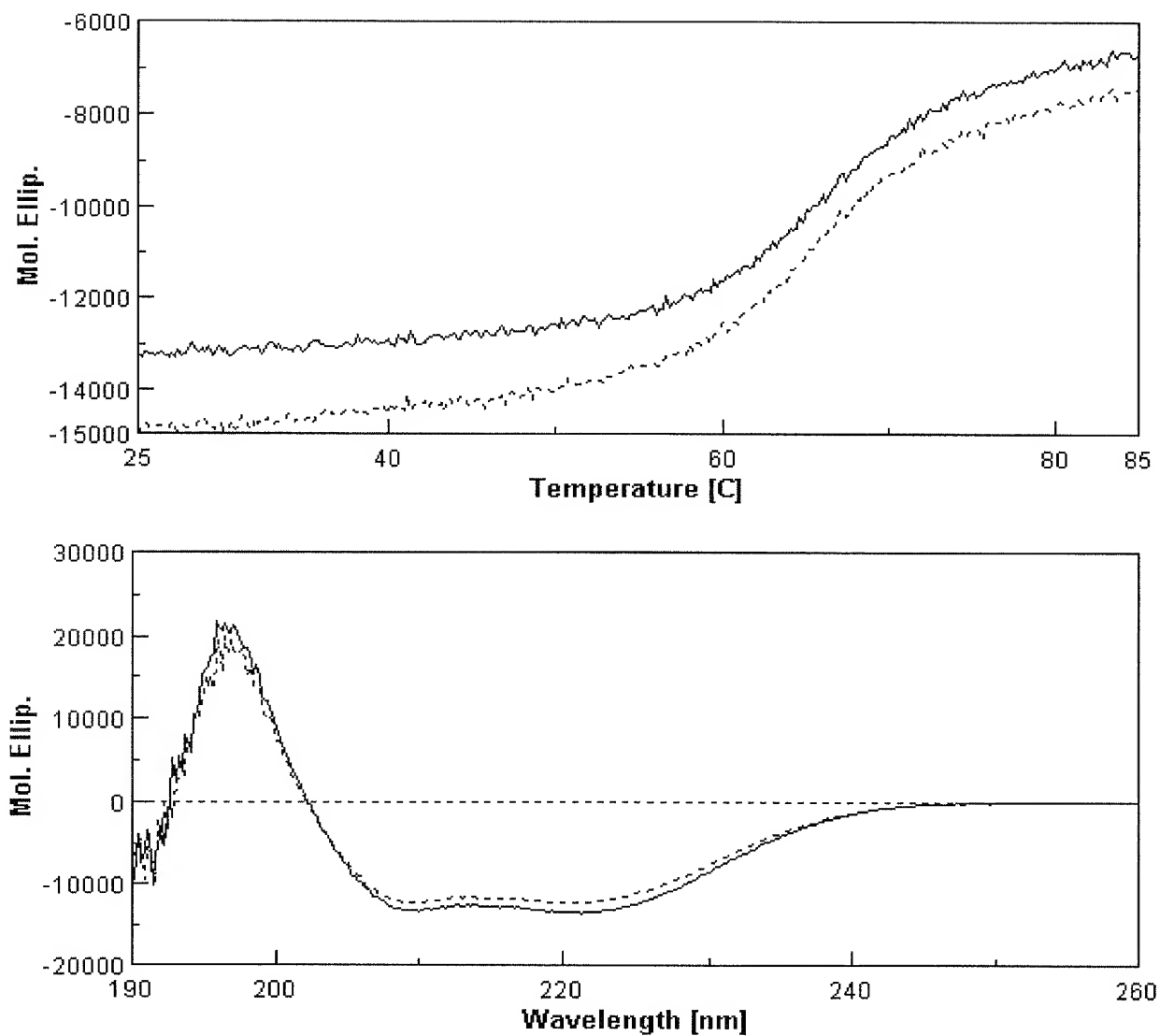
Pre-melting secondary structure content:

	190-260 nm	195-260 nm	200-260 nm	205-260 nm	210-260 nm
Helix	37,88%	45,33%	47,95%	48,63%	47,78%
Antiparallel	5,95%	4,78%	5,30%	5,28%	5,28%
Parallel	7,73%	6,28%	5,85%	5,73%	6,03%
Beta-Turn	16,33%	14,80%	14,45%	14,50%	14,50%
Rndm. Coil	29,55%	24,18%	24,18%	24,08%	24,80%

Post-melting secondary structure content:

	190-260 nm	195-260 nm	200-260 nm	205-260 nm	210-260 nm
Helix	33,58%	39,38%	41,18%	41,98%	41,03%
Antiparallel	8,95%	6,58%	6,58%	6,28%	6,45%
Parallel	8,45%	7,28%	7,28%	6,95%	7,13%
Beta-Turn	17,15%	15,75%	15,75%	15,38%	15,58%
Rndm. Coil	31,40%	28,40%	28,40%	27,70%	28,43%

Figure 6

**Pre-melting secondary structure content:**

	190-260 nm	195-260 nm	200-260 nm	205-260 nm	210-260 nm
Helix	32,87%	41,13%	42,97%	42,83%	42,27%
Antiparallel	8,90%	5,70%	6,13%	6,10%	6,20%
Parallel	8,83%	7,10%	6,73%	6,73%	6,90%
Beta-Turn	17,20%	15,37%	15,13%	15,23%	15,30%
Rndm. Coil	33,23%	28,57%	27,20%	27,23%	27,63%

Post-melting secondary structure content:

	190-260 nm	195-260 nm	200-260 nm	205-260 nm	210-260 nm
Helix	30,03%	37,40%	39,03%	39,10%	38,37%
Antiparallel	11,93%	7,07%	7,00%	6,73%	7,00%
Parallel	9,37%	7,77%	7,50%	7,53%	7,60%
Beta-Turn	17,83%	16,03%	15,83%	15,77%	15,93%
Rndm. Coil	34,37%	30,30%	29,27%	29,47%	29,90%

Figure 7

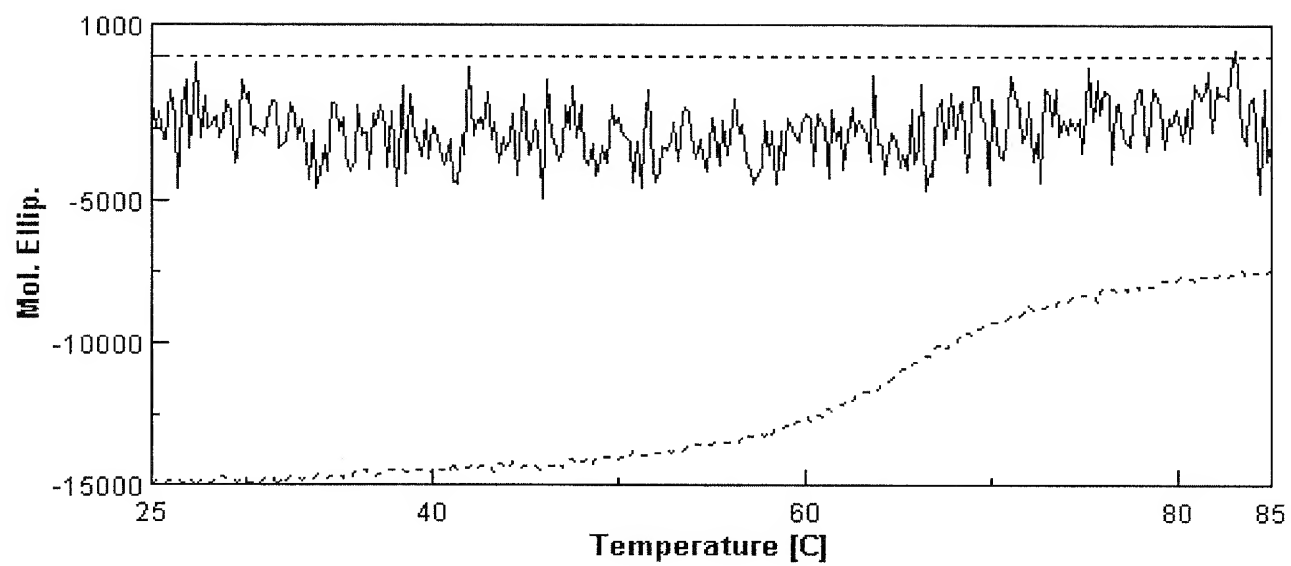
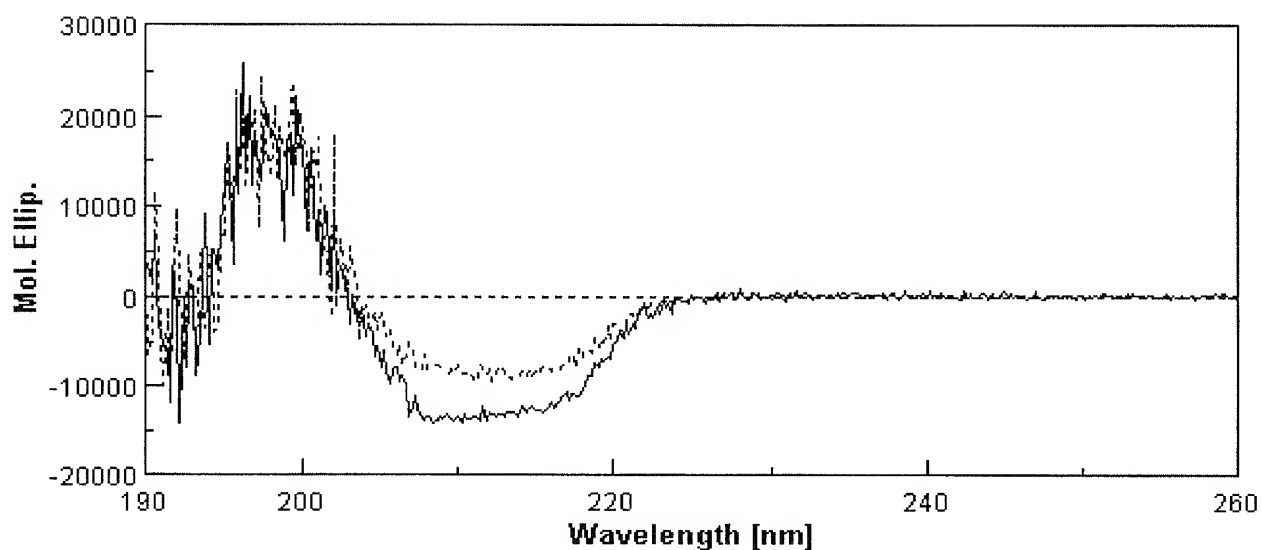


Figure 8



Pre-melting secondary structure content:					
	190-260 nm	195-260 nm	200-260 nm	205-260 nm	210-260 nm
Helix	25,50%	30,30%	35,00%	30,50%	28,70%
Antiparallel	21,70%	11,40%	8,70%	8,80%	9,80%
Parallel	9,80%	9,20%	8,40%	9,90%	10,00%
Beta-Turn	19,30%	17,60%	17,20%	17,50%	17,90%
Rndm. Coil	33,70%	32,60%	30,00%	34,80%	36,30%
Post-melting secondary structure content:					
	190-260 nm	195-260 nm	200-260 nm	205-260 nm	210-260 nm
Helix	24,20%	25,60%	28,80%	21,70%	20,70%
Antiparallel	18,70%	13,20%	10,30%	11,50%	13,20%
Parallel	11,20%	11,50%	10,70%	13,60%	12,80%
Beta-Turn	18,80%	18,20%	18,00%	19,10%	19,80%
Rndm. Coil	40,50%	40,80%	37,40%	43,00%	43,40%

Figure 9

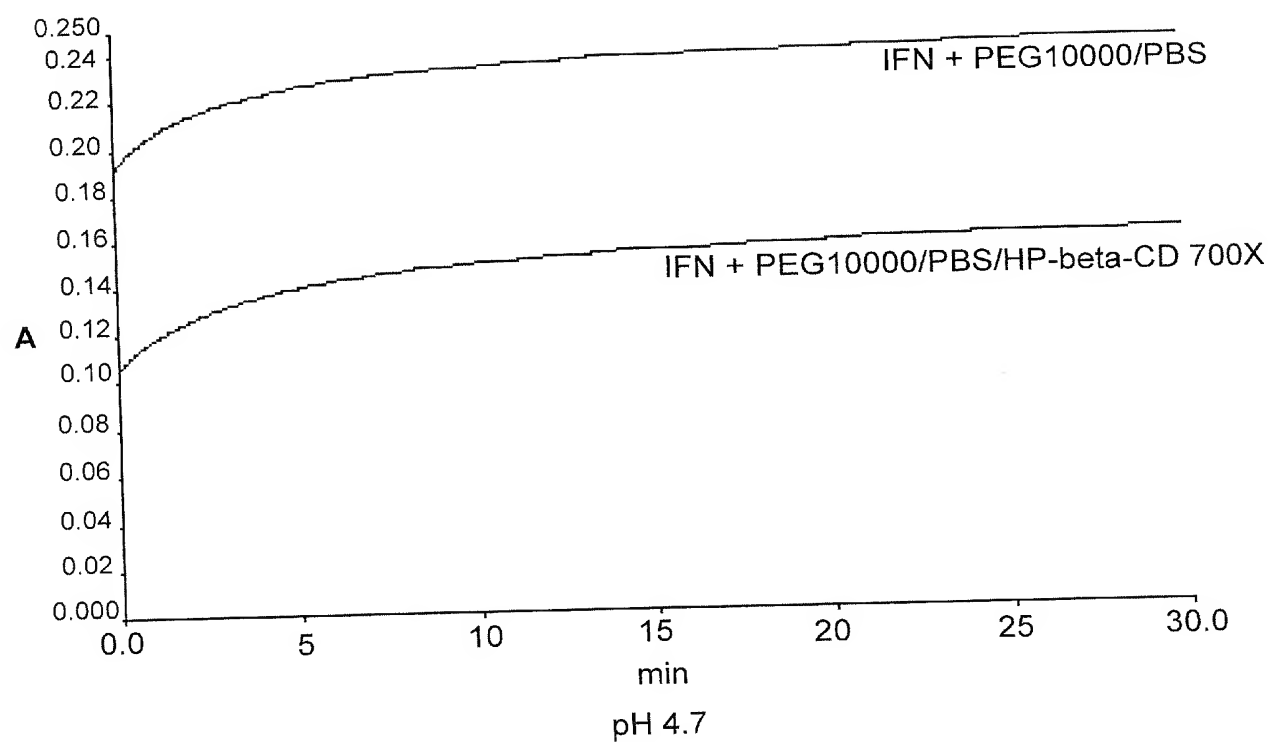
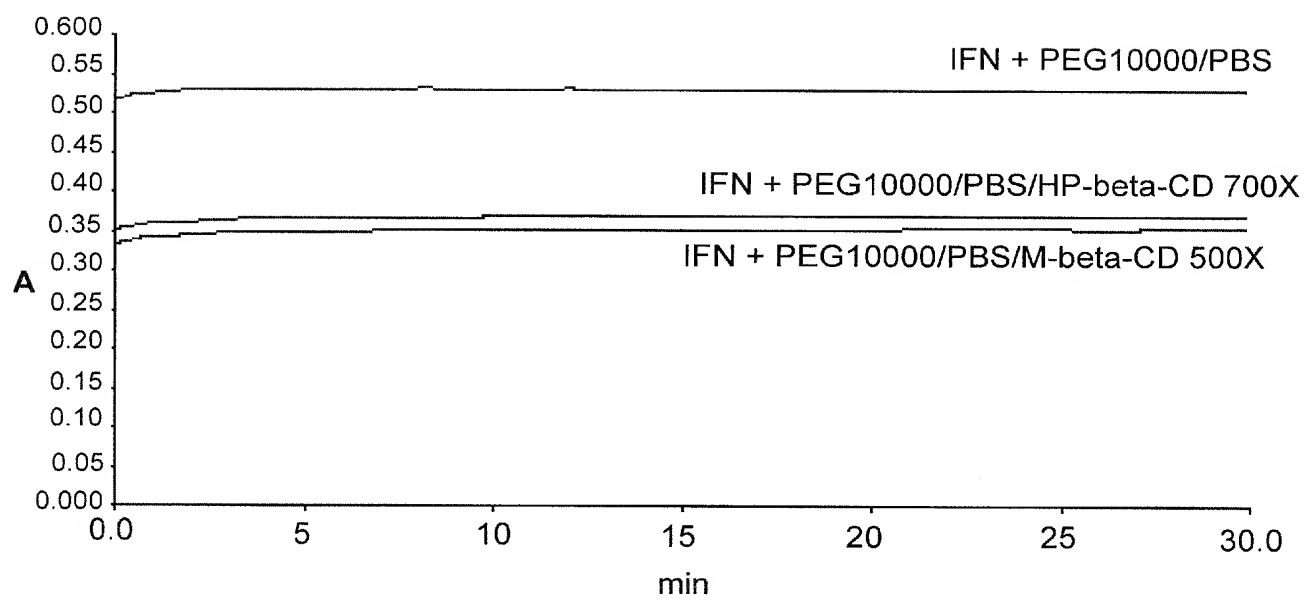


Figure 10



pH 5.1

Figure 11

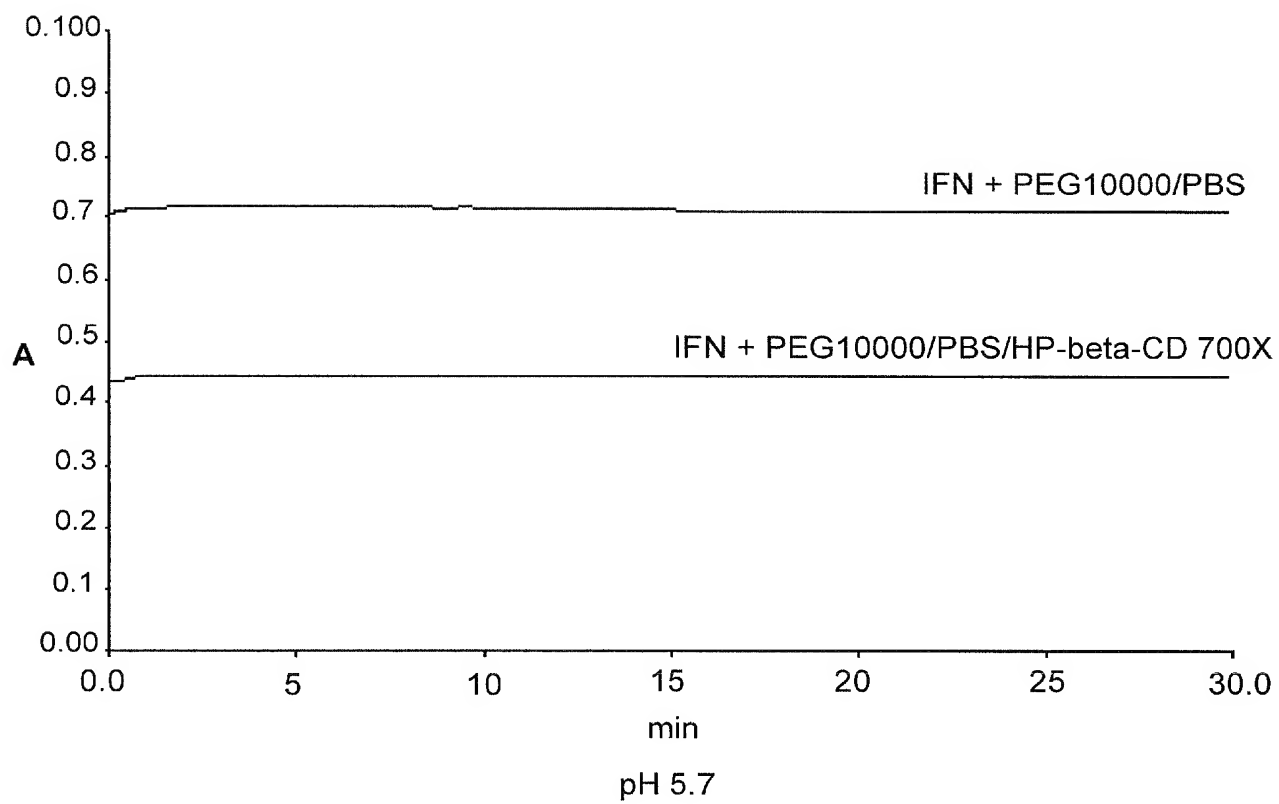


Figure 12